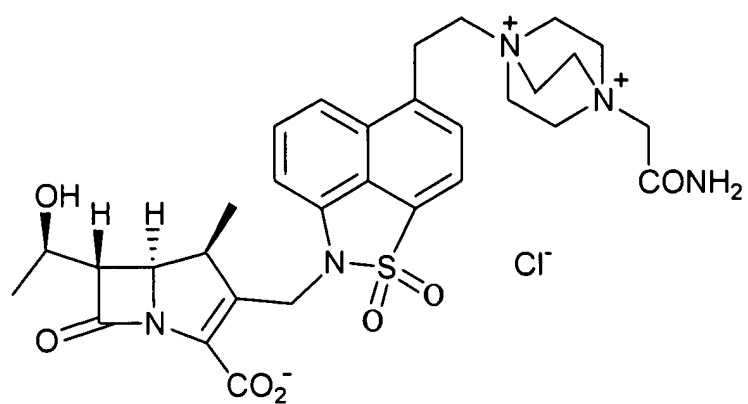
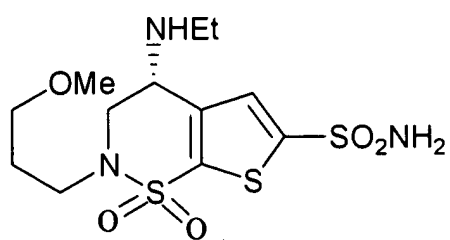


FIG. 1

**L-786,392 3****Brinzolamide 4****FIG. 2**

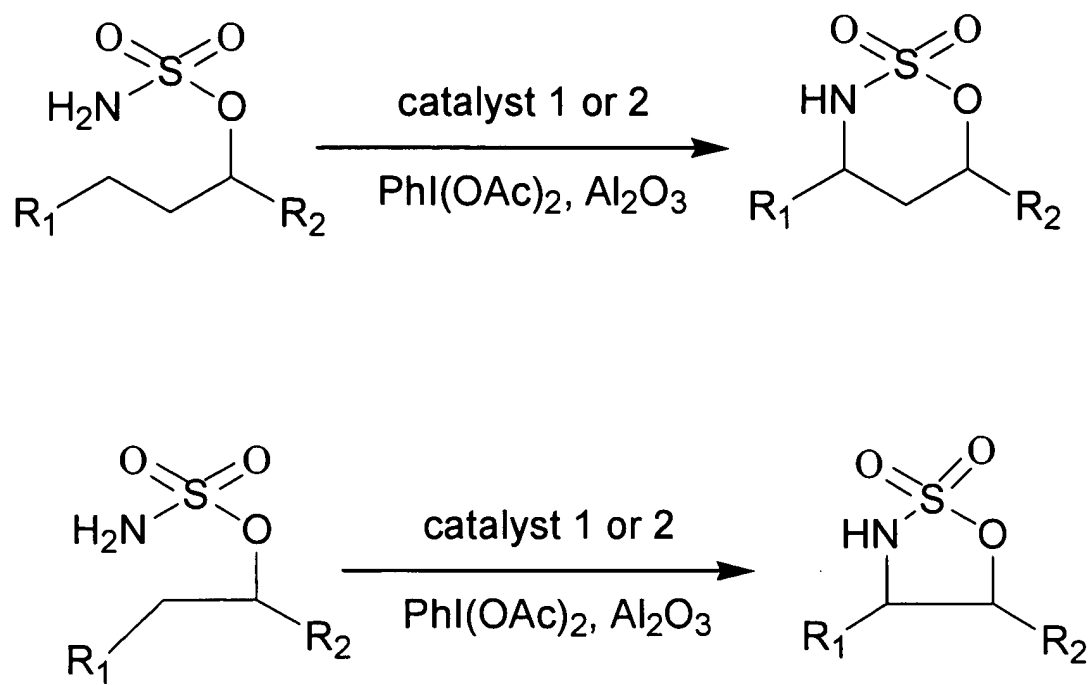
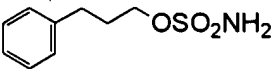
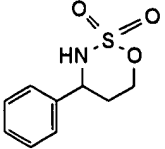
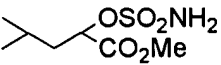
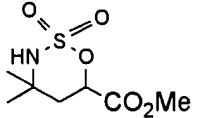
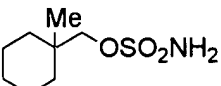
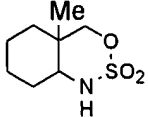
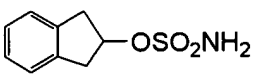
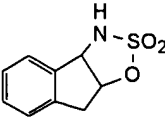
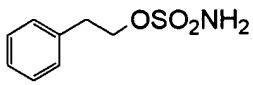
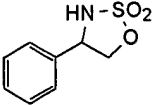
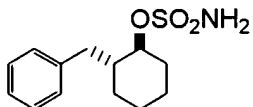
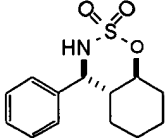


FIG. 3

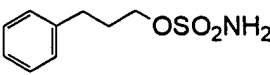
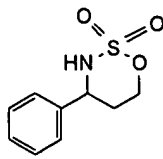
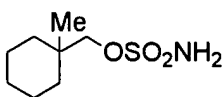
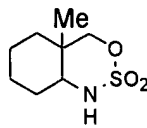
Intramolecular amidation catalyzed by $[\text{Ru}^{\text{II}}(\text{TPFP})\text{(CO)}]$ (1)^a

Entry	Substrates	Products	Yield (%)
1	 5	 11	77
2	 6	 12	76
3	 7	 (cis)-13	88
4	 8	 (cis)-14	61
5	 9	 15	56
6	 10	 16	88

^aReaction conditions: catalyst: substrate: $\text{PhI}(\text{OAc})_2 = 0.015: 1: 2$; CH_2Cl_2 , 40°C, 2 h.

FIG. 4

High turnover intramolecular amidation catalyzed by
 $[\text{Ru}^{\text{II}}(\text{TPFPP})(\text{CO})]$ (1)

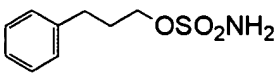
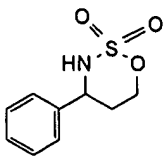
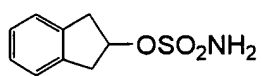
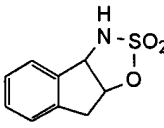
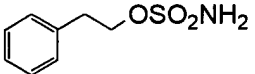
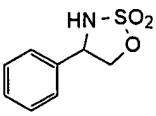
Entry	Substrate	Product	Yield (%)	Turnover
1 ^a	 5	 11	29	290
2 ^b	 7	 (cis)-13	38	301

^aReaction conditions: catalyst: substrate: $\text{PhI}(\text{OAc})_2$ = 1: 1000: 2000; CH_2Cl_2 , 40°C, 20 h.

^bReaction conditions: catalyst: substrate: $\text{PhI}(\text{OAc})_2$ = 1: 800: 1600; CH_2Cl_2 , 40°C, 20 h.

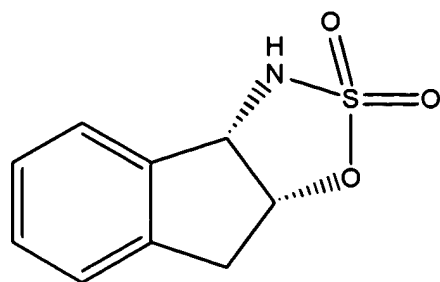
FIG. 5

Asymmetric intramolecular amidation catalyzed by $[\text{Ru}^{\text{II}}(\text{D}_4\text{-Por}^*)(\text{CO})]^\text{a}$

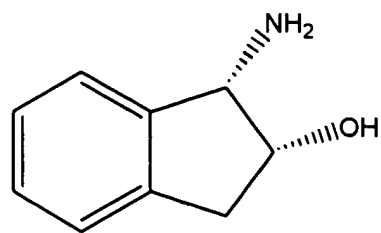
Entry	Substrate	Product	Solvent	Yield (%)	Ee (%) ^b
1			CH_2Cl_2	77	46
2	5	11	C_6H_6	63	79
3			C_6H_6	48	84 ^c
4			CH_2Cl_2	57	71
5			C_6H_6	53	81
6	8	14	C_6H_6	39	82 ^c
7			PhMe	39	77 ^d
8			CH_2Cl_2	53	69
9			C_6H_6	43	82
	9	15			
10			C_6H_6	35	87 ^c

^aReaction conditions: catalyst: substrate: $\text{PhI}(\text{OAc})_2 = 1: 10: 14$; 40°C for 2 h. ^bEe was determined by HPLC using chiral OD column. ^cReaction at 4°C and 8 h. ^dReaction at 0°C and 8 h.

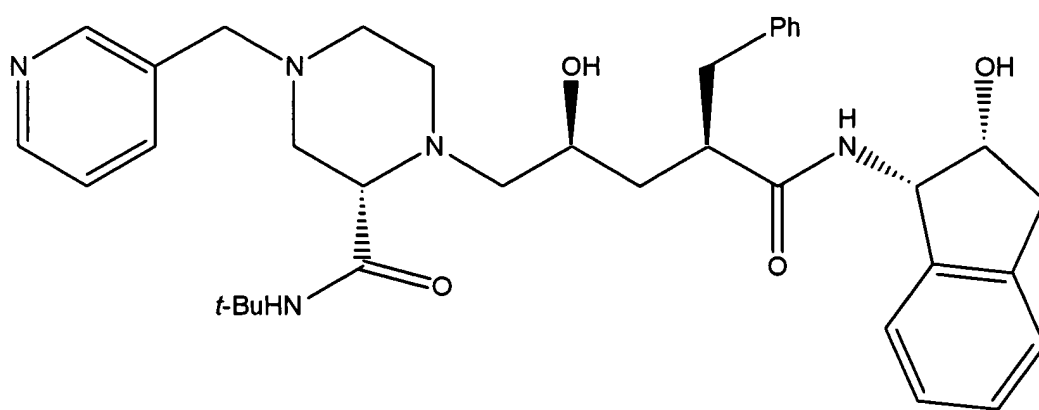
FIG. 6



(1S,2R)-14



17



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FIG. 7